



PTO/SB/21 (09-04) (AW 10/2004)

Approved for use through 7/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

26

Application Number	10/010,630
Filing Date	November 7, 2001
First Named Inventor	Yuji TOYOMURA, et al.
Art Unit	2168
Examiner Name	Harold E. Dodds
Attorney Docket No.	MAT-8198US

**ENCLOSURES (Check all that apply)**

- ☐ Fee Transmittal Form
  - ☐ PTO 2038 Attached
- ☐ Amendment/Reply
  - ☐ After Final
  - ☐ Affidavits/Declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/  
Incomplete Application
  - ☐ Response to Missing Parts  
under 37 CFR 1.52 or 1.53

- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a  
Provisional Application
- ☐ Power of Attorney, Revocation,  
Change of Correspondence  
Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) \_\_\_\_\_
  - ☐ Landscape Table on CD

- ☐ After Allowance Communication  
to TC
- ☐ Appeal Communication to Board  
of Appeals and Interferences
- ☒ Appeal Communication to TC  
(Appeal Notice, Brief, Reply  
Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please  
identify below):

➤ **Return postcard****Remarks:****SIGNATURE OF APPLICANT, ATTORNEY OR AGENT**

Firm Name	RatnerPrestia		
Signature			
Printed Name	Lawrence E. Ashery		
Date	June 19, 2006	Registration No.	34,515

**CERTIFICATE OF TRANSMISSION / MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or Printed Name	Fran Petrillo	Date	June 19, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Application No.: 10/010,630  
Appeal Brief Dated: June 19, 2006

MAT-8198US



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No: 10/010,630  
Appellants: Yuji TOYOMURA, et al.  
Filed: November 7, 2001  
Title: CARRYABLE MEMORY MEDIA, PORTABLE INFORMATION  
TERMINAL USING THE SAME AND METHOD FOR MANAGING  
FILES THEREIN  
TC/A.U.: 2168  
Examiner: Harold E. Dodds  
Confirmation No.: 4831  
Docket No.: MAT-8198US

**SUBSTITUTE APPEAL BRIEF**

***Mail Stop Appeal Brief - Patents***

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Further to the Notice Of Appeal dated **October 28, 2005**, and the Notice of Non-compliant appeal Brief dated **June 19, 2006**, Appellant is submitting this Substitute Appeal Brief for the above-identified application.

**I. REAL PARTY IN INTEREST**

The real party in interest is Matsushita Electric Industrial Co., Ltd.

**II. RELATED APPEALS AND INTERFERENCES**

There are no appeals or interferences which will directly affect or be directly affected by or have a bearing on the Board's decision in the pending appeal.

**III. STATUS OF CLAIMS**

Claims 1, 3-6, 8, 12, 14-32 and 34-82 are pending.

#### **IV. STATUS OF AMENDMENTS**

An amendment subsequent to the Final Rejection was filed on August 26, 2005. As the Examiner has not indicated whether or not it has been entered, it is assumed that the Amendment has been entered.

#### **V. SUMMARY OF THE INVENTION**

The present invention relates to a memory media. An exemplary memory media is illustrated as memory card 25 in Appellants' Fig. 2 (Substitute Specification, page 16, line 2). As illustrated by Appellants' Fig. 1, Appellants' memory media includes a plurality of directories (e.g. directory 6, directory 7, etc.) that each store files of respectively specific file formats (Substitute Specification, page 11, line 9). Thus, for example, directory 6 only stores music files, directory 7 only stores still image files, etc. A further directory (e.g. directory 9) is included for storing files in any format different than the file format stored in the plurality of directories (Substitute Specification, page 11, line 10).

The above features are also illustrated by the enclosed Evidence Appendix. As can be seen, a plurality of directories are maintained at a common directory level. The first directory stores only files of a first type (e.g. doc files). The second directory stores only files of a second type (e.g. "xls" files). The third directory stores files of only a third type (e.g. "xlm" files). A further directory (indicated in the Evidence Appendix as "other") is for storing all file types for which there is not a directory for storing just that file type (in the example, "pdf", "tmp", etc.).

In an alternative embodiment, memory card 25 is used with an information terminal such as Digital Still Camera 10 (page 14, line 11). The information terminal can form directories (e.g. directory 6, 7) at a common level where each directory is for files of one particular file format (one format per directory) (page 11, line 9) (page 17, line 9). A file having a format different than the formats of any of those directories is stored in a further directory (page 11, line 10).

In an alternative embodiment, if a file conforms to the format of any of a certain plurality of directories (directory 6, 7), then the file is stored in the respective

directory (page 11, line 9). If the file does not conform to any of those formats, then the file is stored in a further directory (e.g. directory 9, page 11, line 10).

In an alternative embodiment, a controller (e.g. CPU 41 of Fig. 4) (substitute specification, page 23, lines 7-11) forms a directory in memory card 25. Memory card 25 will have directories which have been created as a result of insertion of that memory card in other apparatuses. If a further apparatus, itself, has not formed a directory in memory card 25, then that further apparatus forms a directory (page 23, lines 1-6).

#### **VI. GROUNDS OF REJECTION TO BE REVIEWED ON APPEAL**

1) Claims 1, 3-5, 46-50 and 51 under 35 U.S.C. §103(a) as being unpatentable over Iida (US 6,385,690) and Quinn (US 6,449,617).

2) Claims 6, 17, 20-22, 32, 34, 47, 48, 49, 52-59, 61-65, 67-71, 73-77, and 79-82 under 35 U.S.C. §103(a) as being unpatentable over Otomo (US 2001/0010049) and Quinn (US 6,449,617).

3) Claims 12, 14-16, 18, 23 and 35-39 are rejected under 35 U.S.C. §103(a) as being unpatentable over Otomo and Quinn, and further in view of Carley (US 6,701,345).

4) Claims 19, 24 and 25 are rejected under 35 U.S.C. §103(a) as being unpatentable over Quinn and Otomo and further in view of Koyama (US 5,978,551).

5) Claims 28-31 and 40-43 are rejected under 35 U.S.C. §103(a) as being unpatentable over Quinn and Otomo, and further in view of Yokota (US 6,691,149) and Carley.

6) Claims 26 and 27 are rejected under 35 U.S.C. §103(a) as being unpatentable over Quinn and Otomo, and further in view of Yokota and Fukunaga (US 6,775,023).

7) Claims 44 and 45 are rejected under 35 U.S.C. §103(a) as being unpatentable over Quinn and Otomo, and further in view of Nishigaya (US 5,696,900).

8) Claim 8 is rejected under 35 U.S.C. §103(a) as being unpatentable over Otomo, Quinn, and Yokota.

## **VII. ARGUMENT**

Claims 4 and 59 were previously objected to. Claims 4 and 59 were appropriately amended in the Amendment filed on August 26, 2005. Withdrawal of the objection is respectfully requested.

The Substitute Specification was originally not entered because a statement as to a lack of new matter was missing. The Substitute Specification was filed again. The Substitute Specification was filed to comply with the Examiner's request for a new application with lines double spaced. The Substitute Specification includes no new matter. Entry of the Substitute Specification is respectfully requested.

In the interest of improving the readability of the argument, Appellants' representative will discuss the pending independent claims in two separate groups as follows:

Group I: Claims 1, 6, 8, 32, 49, and 52-57; and

Group II: Claims 59, 65, 71 and 77.

Regarding Group I, Appellants' representative will first traverse the rejection with respect to claim 1. The remaining independent claims in Group 1, while not identical to Group I, are also patentable for reasons similar to those set forth below with regard to claim 1.

Appellants' invention, as recited by claim 1, includes features which are neither disclosed for suggested by the art of record, namely:

... a plurality of directories at a directory level, each of said directories limited to storing files of a respective one of a plurality of file formats, and

a further directory at said directory level, said further directory for storing files in other than said plurality of file formats ...

Thus, claim 1 is reciting a plurality of directories and a further directory which are all at the same level within a directory (e.g. tree) structure. Of the plurality of directories, each of those directories stores "a respective one of a plurality of file formats. The further directory stores files in formats different than the formats stored in the "plurality of directories."

An exemplary embodiment of the above structure is illustrated in the Evidence Appendix.

The illustration in the Evidence Appendix shows a plurality of directories which each store files of respective formats. Thus, one directory stores files in the .doc format. A second directory stores files in the .xls format. A third directory stores files in the .xlm format. A further directory is also shown. The further directory stores files and formats different than the formats stored in the "plurality of directories." The plurality of directories and the further directory are all at the same level within the directory structure.

The Official Action cites a number of references against Appellants' pending claims. Appellants' representative has reviewed all those references and none of those references even come close to the above structure. For example, Iida was cited at column 20 and column 16. Neither column discloses the features as claimed above. Quinn was cited at column 13 for disclosing a plurality of file formats. Appellants' acknowledge that different file formats are known in the art and are not trying to claim different file formats. Instead, claim 1 recites a directory structure that stores different file formats as described above. This is different than the art of record. Otomo, as well, has no disclosure of the above features.

Accordingly, claim 1 is patentable over the art of record.

Again, the other independent claims of Group I are patentable for reasons similar to those set forth above with regard to claim 1.

The claims which depend from the independent claims of Group I are all patentable by virtue of their dependency on allowable independent claims.

Regarding Group II, Appellants representative will first discuss claim 59.

Appellants' claim 59 includes a feature which is neither disclosed nor suggested by the art of record, namely:

... a controller operable to form a directory in the carryable memory media ...

wherein ... if a directory formed by an other apparatus is stored in the carryable memory media and there is not a directory formed by the apparatus in the carryable memory media, the apparatus makes the carryable memory media form a new directory which is allowed to store an arbitrary file stored in the memory ...

Thus, when, for example, a memory card is moved from a first apparatus to a second apparatus and the second apparatus stores a file in the memory card, the file will be stored in a directory different from any directories created by the first apparatus.

The Official Action has cited Otomo and Quinn against claim 59. Neither Otomo nor Quinn, however, discloses the above feature of a second apparatus storing data in a directory which is different from directories created by the first apparatus.

The remaining independent claims in Group II, while not identical to claim 59, are similarly allowable over the art of record for reasons similar to those set forth above with regard to claim 59.

Application No.: 10/010,630  
Appeal Brief Dated: June 19, 2006

MAT-8198US

The claims which depend from any of the independent claims in Group II are patentable by virtue of their dependency on allowable independent claims.

Allowance of the above-identified application is respectfully requested.

Respectfully Submitted,  
Ratner Prestia

  
Lawrence E. Ashery, Reg. No. 34,515  
Attorney for Appellants

LEA/fp

Enclosures: Claims Appendix  
Evidence Appendix

Dated: June 19, 2006

P.O. Box 980  
Valley Forge, PA 19482-0980  
(610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 19, 2006.

June 19, 2006

FP\_34436



**APPENDIX OF CLAIMS**

1. (Previously Presented) A memory media comprising  
  
a plurality of directories at a directory level, each of said directories limited to storing files of a respective one of a plurality of file formats, and  
  
a further directory at said directory level, said further directory for storing files in other than said plurality of file formats.
2. (Cancelled).
3. (Previously Presented) The memory media of claim 1, wherein said directory level is immediately under a root directory.
4. (Previously Presented) The memory media recited in claim 1, wherein the memory media are memory cards.
5. (Previously Presented) The memory media recited in claim 1, wherein said further directory is further for storing files in one of said plurality of file formats.
6. (Previously Presented) A portable information terminal comprising memory media detachable to and from a terminal body of the information terminal, comprising  
  
means for forming a plurality of directories at a directory level, each of said directories limited to storing files of a respective one of a plurality of file formats,  
  
a further directory at said directory level, said further directory for storing files in other than said plurality of file formats.
7. (Cancelled).
8. (Previously Presented) A portable information terminal comprising carryable memory media detachable to and from the terminal body, wherein  
  
said carryable memory media is provided with

a plurality of directories at a directory level, each of said directories limited to storing files of a respective one of a plurality of file formats,

a further directory at said directory level, said further directory for storing files in other than said plurality of file formats,

i) if a file to be stored conforms to said plurality of directories, said portable information terminal stores the relevant file in the carryable memory media at a data area corresponding to one of said plurality of file formats,

ii) if a file to be stored does not conform to said portable information terminal stores the file in the carryable memory media at a further data area corresponding to said further directory.

9.-11. (Cancelled).

12. (Previously Presented) The portable information terminal of claim 6, wherein an attached file attached to electronic mail received is stored in said carryable memory media at a data area corresponding to said further directory.

13. (Cancelled).

14. (Previously Presented) The portable information terminal of claim 6 comprising

an operation section for operation by a user, wherein based on operation by said user of the operation section, at least one file is stored in a data area corresponding to said plurality of directories and at least another file is stored in a further data area corresponding to said further directory.

15. (Previously Presented) The portable information terminal of claim 6 comprising separation means for separating an e-mail with the attached file received through said communication means into the e-mail document file and the attached file, wherein

i) said e-mail document file is stored in said carryable memory media at a

data area corresponding to one of said plurality of formats, and

ii) said attached file is stored in said carryable memory media at a data area corresponding to other than said plurality of formats.

16. (Previously Presented) The portable information terminal of claim 15 wherein storage of said e-mail document file and said attached file is based on operation of a user.

17. (Previously Presented) The portable information terminal of claim 6 further comprising file extraction means for extracting said files.

18. (Original) The portable information terminal of claim 17 comprising control means, wherein

said control means controls at least one process among the following processes to be performed on said extracted file for;

- i) deleting the file;
- ii) shifting the file to a data area of said carryable memory media, which data area corresponding to a different directory other than the original directory, and storing it in there;
- iii) transmitting the file as an attached file; and
- iv) exhibiting it on a display.

19. (Original) The portable information terminal of claim 17, wherein said file extraction means extracts the file that conforms to said specific file form, based on the file expansion index.

20. (Original) The portable information terminal of claim 17, wherein said file extraction means extracts the file that conforms to said specific file form, based on the file inner structure.

21. (Original) The portable information terminal of claim 17, wherein said

file extraction means extracts the file that conforms to said specific file form, through a plurality of steps of extraction.

22. (Original) The portable information terminal of claim 17 comprising input means for inputting conditions for file extraction, wherein

said file extraction means extracts, among those which conform to said specific file form, the file that satisfies said conditions for file extraction.

23. (Original) The portable information terminal of claim 22 comprising control means, wherein

said control means controls at least one process among the following processes to be performed on said extracted file, for;

- i) deleting the file;
- ii) shifting the file to a data area of said carryable memory media, which data area corresponding to a different directory other than the original directory, and storing it in there;
- iii) transmitting the file as an attached file; and
- iv) exhibiting it on a display.

24. (Original) The portable information terminal of claim 17, wherein said file extraction means extracts the file that conforms to specific file form through the following process;

- i) a primary extraction based on the file expansion index, and
- ii) an extraction once again based on the inner structure of those extracted by said primary extraction.

25. (Original) The portable information terminal of claim 17 comprising a video processing function, said directory for storing specific format files containing a directory for storing video information form files, wherein

a video information file is extracted from both of the data areas of said carryable memory media; one data area is that which corresponds to the directory for storing video information form files and the other data area is that which corresponds to said directory for storing non-specific format files.

26. (Original) The portable information terminal of claim 17, wherein the portable information terminal extracts the Exif format image file through either one of the following processes;

i) extracting the JPG image file from data area of said carryable memory media based on the directory for storing non-specific format files, or

ii) extracting the image file from said carryable memory media based on the JPG expansion Index . jpg of the directory for storing non-specific format files;

and a process of checking the inner structure of said image file extracted.

27. (Original) The portable information terminal of claim 26, wherein the portable information terminal prints the extracted Exif format file upon an operation made by a user.

28. (Previously Presented) The portable information terminal recited in claim 6 comprising communication means, wherein

the portable information terminal transmits the attached file stored in a data area corresponding to said further directory via said communication means, accompanying an e-mail.

29. (Previously Presented) The portable information terminal of claim 28 comprising file control means, wherein said file control means deletes a file which had been stored in a data area corresponding to said further directory after it is transmitted via said communication means.

30. (Original) The portable information terminal of claim 28 comprising file control means, wherein said file control means shifts a file that had been stored in a data area corresponding to said directory for storing non-specific format files after it

was transmitted via said communication means, to a data area of said carryable memory media that corresponds to a certain directory other than said original directory for storing specific format files and said original directory for storing non-specific format files.

31. (Original) The portable information terminal of claim 28 comprising instruction means, wherein said instruction means issues one of the following instructions based on operation of the operation section by a user, after a file stored in a data area corresponding to said directory for storing non-specific format files is transmitted via said communication means, regarding how the transmitted file be handled:

i) leaving the transmitted file in said directory for storing non-specific format files;

ii) deleting the transmitted file;

iii) shifting the transmitted file to a data area of said carryable memory media that corresponds to a certain specific directory other than said original directory for storing specific format files and said original directory for storing non-specific format files.

32. (Previously Presented) A method for managing files in a portable information terminal comprising carryable memory media detachable to and from the terminal body, comprising the steps of :

A) forming a plurality of directories at a directory level, each of said directories limited to storing files of a respective one of a plurality of file formats,

B) forming a further directory at said directory level, said further directory for storing files in other than said plurality of file formats and

C) storing a file in said carryable memory media at a data area corresponding to one of said plurality of directories or said further directory.

33. (Cancelled).

34. (Previously Presented) The method for managing files in the portable information terminal recited in claim 32, comprising the steps of :

- E) receiving data through communication means;
- F) forming a file based on the data received at step E); and
- G) storing the file formed at step F) in said carryable memory media at a data area corresponding to said further directory.

35. (Previously Presented) The method for managing files in the portable information terminal recited in claim 32, comprising the steps of :

- E) receiving an electronic mail through communication means; and

H) storing an attached file attached to the electronic mail in said carryable memory media at a data area corresponding to said further directory.

36. (Previously Presented) The method for managing files in the portable information terminal recited in claim 32, comprising the steps of :

- E) receiving data through communication means;
- J) separating received data into a plurality of files;

K) storing at least one file among said plurality of files in said carryable memory media at a data area corresponding to one of said plurality of directories; and

L) storing the remaining file in said carryable memory media at a further data area corresponding to said further directory.

37. (Previously Presented) The method for managing files in the portable information terminal recited in claim 32, comprising the steps of:

- E) receiving data through communication means;
- J) separating received data into a plurality of files;

M) based on a first operation by a user, storing at least one file among said plurality of files in said carryable memory media at a data area corresponding to one of said plurality of directories; and

N) based on a second operation by a user, storing the remaining file in said carryable memory media at a further data area corresponding to said further directory.

38. (Previously Presented) The method for managing files in the portable information terminal recited in claim 32, comprising the steps of:

P) receiving an e-mail with the attached file through communication means;

Q) separating the received e-mail with the attached file into the document file and the attached file;

R) storing said document file in said carryable memory media at a data area corresponding to one of said plurality of directories; and

S) storing said attached file in said carryable memory media at a further data area corresponding to said further directory.

39. (Previously Presented) The method for managing files in the portable information terminal recited in claim 32, comprising the steps of:

P) receiving an e-mail with the attached file through communication means;

Q) separating the received e-mail with the attached file into the document file and the attached file;

T) based on a first operation by a user, storing said document file in said carryable memory media at a data area corresponding to one of said plurality of directories; and

U) based on a second operation by a user, storing said attached file in said carryable memory media at a further data area corresponding to said further directory.

40. (Previously Presented) The method for managing files in the portable



information terminal of claim 39 comprising the step of

transmitting the attached file stored in said carryable memory media at said further data area corresponding to said further directory as an attachment to a new e-mail.

41. (Original) The method for managing files in the portable information terminal of claim 39 comprising the steps of:

V) transmitting the file stored in said carryable memory media at said further data area corresponding to said directory for storing non-specific format files; and

W) after said file is transmitted, deleting said transmitted file.

42. (Previously Presented) The method for managing files in the portable information terminal recited in claim 39 comprising the steps of:

V) transmitting the file stored in said carryable memory media at said further data area corresponding to said further directory; and

X) after said file is transmitted, shifting said transmitted file to yet a further data area.

43. (Previously Presented) The method for managing files in the portable information terminal recited in claim 39 comprising the steps of:

V) transmitting the file stored in said carryable memory media at said further data area;

Y) after transmitting said file, a user selecting either one of following steps based on operation;

Y-1) leaving said transmitted file in said carryable memory media  
at said further data area;

Y-2) deleting said transmitted file; and

Y-3) shifting said transmitted file to yet a further data area.

44. (Previously Presented) The portable information terminal according to claim 6, wherein the portable information terminal is a portable telephone unit.

45. (Original) The method for managing files in the portable information terminal of claim 32, wherein the portable information terminal is a portable telephone unit.

46. (Original) The carryable memory media of claim 5, wherein the carryable memory media are memory card.

47. (Previously Presented) The portable information terminal according to claim 6, wherein the carryable memory media are memory card.

48. (Original) The method for managing files in the portable information terminal of claim 32, wherein the carryable memory media are memory card.

49. (Previously Presented) A portable information terminal including memory media detachable to and from a terminal body, comprising:

an interface for reading data from said memory media; and

a selector for selecting between a data area and a further data area, said selector selecting: a) from said data area when said data being read corresponds to one of a plurality of directories at a directory level, each of said directories limited to a respective one of a plurality of file formats; and b) from said further data area when said data being read corresponds to a further directory for other than said plurality of file formats.

50. (Previously Presented) Memory media according to claim 1, wherein said further directory is also for storing at least one of said respective file formats.

51 (Previously Presented) Memory media according to claim 1, wherein files in said further directory are independent and without links relative to files in said plurality of directories.

52. (Previously Presented) A carryable memory media comprising:

a plurality of directories at a directory level, each of the directories limited to storing files of a respective one of a plurality of file formats, and

a further directory at the directory level, the further directory capable of storing a file having an arbitrary file format.

53. (Previously Presented) A carryable memory media comprising:

a plurality of directories at a directory level, each of the directories limited to storing first files of a respective one of a plurality of file formats, and

a further directory at the directory level, the further directory capable of storing the first files having the respective one of the plurality of file formats and a second file having a file format which is different from the file formats of the first file.

54. (Previously Presented) A method for managing files in an information apparatus including carryable memory media detachable to and from the apparatus, the memory media including a directory limited to storing files of a respective one of a plurality of file formats, the method comprising the steps:

detecting whether or not a file to be stored in the memory media is capable of being stored in the limited directory, and

forming a further directory for storing the file to be stored by a result of determining the file is not capable of being stored in the limited directory, the further directory being capable of storing a file of an arbitrary file format.

55. (Previously Presented) A method for managing files in an information apparatus including carryable memory media detachable to and from the apparatus, the memory media including a directory limited to storing files of a respective one of a plurality of file formats, the method comprising the steps:

detecting whether or not a file to be stored in the memory media is capable of being stored in the limited directory, and

forming a further directory for storing the file to be stored by a result of determining the file is not capable of being stored in the limited directory, the further directory being capable of storing the files of the respective one of the plurality of file formats.

56. (Previously Presented) A method for reading information in a file on a memory media, in which a carryable memory media includes: a plurality of directories at a directory level, each of the directories limited to storing files of a respective one of a plurality of file formats, and a further directory at the directory level, the further directory capable of storing a file having an arbitrary file format, the method comprising the steps of:

a first step of accessing a directory in which a file format corresponds to a file format of the file, and

a second step of accessing the further directory.

57. (Previously Presented) A method for reading information in a file on a memory media, in which a carryable memory media includes, a plurality of directories at a directory level, each of the directories limited to storing first files of a respective one of a plurality of file formats, and a further directory at the directory level, the further directory capable of storing the first files having the respective one of the plurality of file formats and a second file having a file format which is different from the file formats of the first file, the method comprising the steps of:

a first step of accessing a directory of which a file format corresponds to a file format of the file, and

a second step of accessing the further directory.

58. (Previously Presented) The memory media of claim 52, wherein said directory level is immediately under a root directory.

59. (Currently Amended) An apparatus which is capable of controlling a carryable memory media, comprising:

a CPU operable to instruct to store a file obtained from the carryable memory media;

a controller operable to form a directory in the carryable memory media and operable to store the obtained file in the carryable memory media, wherein

if a directory formed by an other apparatus is stored in the carryable memory media and there is not a directory formed by the apparatus in the carryable memory media, the apparatus makes the carryable memory media form a new directory which is allowed to store an arbitrary file stored in the memory and store the obtained file in the new directory.

60. (Previously Presented) The apparatus of claim 59, wherein

the obtained file is a file attached with an e-mail.

61. (Previously Presented) The apparatus of claim 59, wherein

the directory formed by the other apparatus is used by the other apparatus to store a file of a predetermined format and is not used to store the obtained file by the apparatus.

62. (Previously Presented) The apparatus of claim 59, wherein

the CPU is operable to recognize the carryable memory media, and the apparatus makes the carryable memory media form the new directory if the CPU recognizes the carryable memory media in which the directory formed by the other apparatus is stored and there is not the directory formed by the apparatus.

63. (Previously Presented) The apparatus of claim 59, wherein

the apparatus makes the carryable memory media form the new directory if the controller accesses to the carryable memory media.

64. (Previously Presented) The apparatus of claim 59, wherein

the controller is operable to reproduce the obtained file if the obtained file is of

a predetermined format, and

even if the obtained file is not formatted by the predetermined format and the obtained file cannot be reproduced, the apparatus makes the carryable memory media store the obtained file in the new directory.

65. (Previously Presented) A method which is capable of storing a file in a carryable memory media for use by an apparatus, comprising:

storing in a memory a file obtained excluding from the carryable memory media;

recognizing the carryable memory media in which a directory formed by an other apparatus is stored and there is not a directory formed by the apparatus;

forming in the carryable memory media a new directory which is allowed to store an arbitrary file stored in the memory; and

storing the obtained file in the new directory.

66. (Previously Presented) The method of claim 65, wherein

the obtained file is a file attached with an e-mail.

67. (Previously Presented) The method of claim 65, wherein

the directory formed by the other apparatus is used by the other apparatus to store a file of a predetermined format and is not used to store the obtained file by the apparatus.

68. (Previously Presented) The method of claim 65, wherein

in the forming process, the new directory formed if the carryable memory media, in which the directory formed by the other apparatus is stored and there is not the directory formed by the apparatus, is recognized.

69. (Previously Presented) The method of claim 65, wherein

in the forming process, the new directory is formed if the carryable memory media is accessed.

70. (Previously Presented) The method of claim 65, comprising:

reproducing the obtained file if the obtained file is a predetermined format, wherein

even if the obtained file is not formatted by the predetermined format and the obtained file cannot be reproduced, the obtained file is stored in the new directory.

71. (Previously Presented) An information terminal, comprising:

a memory card slot operable to insert carryable memory media;

a memory operable to store a file obtained excluding from the carryable memory media;

a controller operable to form a directory in the carryable memory media and operable to store the obtained file in the memory; wherein

if a directory formed by an apparatus other than the information terminal is stored in the carryable memory media and there is not a directory formed by the information terminal in the carryable memory media, the information terminal makes the carryable memory media form a new directory which is allowed to store an arbitrary file stored in the memory and store the obtained file in the new directory.

72. (Previously Presented) The information terminal of claim 71, comprising:

a receiver operable to receive an e-mail with an attached file, wherein

the obtained file is the attached file.

73. (Previously Presented) The information terminal of claim 71, comprising:

the directory formed by the apparatus is used by the apparatus to store a file of a predetermined format and is not used to store the obtained file by the information terminal.

74. (Previously Presented) The information terminal of claim 71, wherein

the information terminal makes the carryable memory media form the new directory if the carryable memory media, in which the directory formed by the apparatus is stored and there is not the directory formed by the information terminal, is inserted to the memory card slot.

75. (Previously Presented) The information terminal of claim 71, wherein

the information terminal makes the carryable memory media form the new directory if the carryable memory media is accessed by the controller.

76. (Previously Presented) The information terminal of claim 71, comprising:

a reproducer operable to reproduce the obtained file if the obtained file is a predetermined format, wherein

even if the obtained file is not formatted by the predetermined format and the obtained file cannot be reproduced by the reproducer, the obtained file is stored in the new directory.

77. (Previously Presented) A method which is capable of storing a file in a carryable memory media for use of an information terminal, comprising:

storing in a memory a file obtained excluding from the carryable memory media;

recognizing the carryable memory media, in which a directory formed by an apparatus other than the information terminal is stored in the carryable memory media and there is not a directory formed by the information terminal in the carryable memory media, to be inserted to a memory card slot;



forming in the carryable memory media a new directory which is allowed to store an arbitrary file stored in the memory; and

storing the obtained file in the new directory.

78. (Previously Presented) The method of claim 77, comprising:

receiving an e-mail with an attached file, wherein

the obtained file is the attached file.

79. (Previously Presented) The method of claim 77, wherein

the directory formed by the apparatus is used by the apparatus to store a file of a predetermined format and is not used to store the obtained file by the information terminal.

80. (Previously Presented) The method of claim 77, wherein

in the forming process, the new directory is formed if the carryable memory media, in which the directory formed by the apparatus is stored and there is not the directory formed by the information terminal, is inserted to the memory card slot .

81. (Previously Presented) The method of claim 77, wherein

in the forming process, the new directory is formed if the carryable memory media is accessed.

82. (Previously Presented) The method of claim 77, comprising:

reproducing the obtained file if the obtained file is of a predetermined format, wherein

even if the obtained file is not formatted by the predetermined format and the obtained file cannot be reproduced, the obtained file is stored in the new directory.

**EVIDENCE APPENDIX**

Directory  
Level

